

Name: _____

Date: _____

Math: _____

DECIMAL WORD PROBLEMS - ALL OPERATIONS

Directions: For each word problem, annotate, show your work, and explain your process.

1. Sophia's dad paid \$43.25 for 12.5 gallons of gas. What is the cost of one gallon of gas?

Show your work:

Answer: _____

Explain your work (focus on *why* you solved the way you did)

3. Carly bought 26 gallons of gasoline for \$1.35 a gallon. What was the total cost of the gasoline?

Show your work:

Answer: _____

Explain your work (what did you do and why?)

5. Use the computation shown below to find the products. *Do not solve on your own.*

$$\begin{array}{r} 189 \\ 16 \overline{)3024} \\ \underline{16} \\ 142 \\ \underline{128} \\ 144 \\ \underline{144} \\ 0 \end{array}$$

a. $189 \times 16 =$

Explain your reasoning.

b. $80 \times 16 =$

Explain your reasoning.

c. $9 \times 16 =$

Explain your reasoning.
